

# Lessons Learned - Engineering

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- Conduct extensive geotechnical investigations early in the study to determine foundation conditions and quantify sand borrow requirements and sources (**Reconnaissance Study**)
- Avoid placing wetlands over borrow areas
- Include a defined area for equipment access and on-going operations in the impact analysis (**“Study Area”**)
- Differentiate between temporary dike height and final design height, and be clear that uneven relief will be required in upland cells for de-watering and runoff
- Develop a procedure to approve and document cell design changes and adjustments (**Adaptive Management Plan**)



# Lessons Learned – Stakeholder Involvement

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- Develop relationships with and seek input from with key stakeholders early in the process (monthly PDT meetings to discuss project status and address concerns)
- Conduct specific information meetings for target groups affected by the project (meetings with the Maryland Watermens Association, Talbot County Council, and Coastal Conservation Association)
- Keep stakeholders at all management levels informed of project status (project was discussed at Bay Enhancement Working Group, Management Committee, and Executive Committee meetings)





# Lessons Learned - Environmental

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- Define upland habitat goals and habitat expectations for wetland/upland transition area (**Adaptive Management Plan**)
- Allow for flexibility of target acreages related to habitat goals (**Adaptive Management Plan**)
- Incorporate a Wildlife Management Plan to control nuisance species as well as protect species of interest (**Adaptive Management Plan**)
- Define targeted community types rather than specific target species for habitat creation goals (**ICU Analysis**)
- Include underwater habitat related to the exterior dike armor stone as a benefit (**ICU Analysis**)



# **Lessons Learned: North Atlantic Division**

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- **Authorities for future watershed studies need to be broader to capture all available opportunities and benefits.**
- **Watersheds also pose a challenge for the budget process. Example: Navigation or Environmental business line?**

